

TOILET ODOR BLOCKING SYSTEM, METHODE OF USE AND BIDET

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CLAIM

What I claim as my invention is the TOILET ODOR BLOCKING SYSTEM AND TOILET

BIDET consists of:

1.(Amended) A low cost toilet odor blocking bubbler system using air pump, liquid soap and water to create a continuous stream of bubbles to cover the human waste to prevent odor from escaping from the toilet bowl, a dual function bubble dispenser / bidet adapter which functions as a bubbler with low volume and bidet with high volume of water (water in-line T adapter with male / female bullock threading creating an extra convenient water source at the toilet tank valve connecting to it,) it further comprising of;

(a) (Amended) an air pump having at least two outlets providing sufficient pressure to be able to force out liquid soap from a refillable, closable bottle with means of threaded capping screws, connecting tubes conducting air pressure, one air channel via a check valve and adjustable volume control / volume limiter which enters into a mixing tube to be mixed with water and chemicals capable of creating bubbles, such as liquid soap, bubble bath ;

(b) (Amended) a second air channel via a check valve, volume control connecting to the bubble dispenser adapter to provide ample amount of air to be able to create a continuous stream of bubbles from at least 5-10 pin hole outputs located under the toilet bowl's rim or attached to the bottom of the toilet lid and / or via the raised bidet adapter;

(c) (Amended) an L shaped bracket attached to the toilet lid screws, lower side extending under the tank for supporting the needle valve, mixing tube, on /off switch, liquid soap or bubble bath container capable to create foam or bubbles, mixing tube, check valve, flow controller preferably in an enclosure and bidet lever;

d. (Added- from claim 3) An inline water T coupler providing water for the bubbler as claimed in claim 1 and 2 having a captive female bullock type threading capable of fitting to the toilet valve with a washer, having a bullock type (toilet valve) male threading on the lower end capable to be fitted with toilet tank hoses with a washer, having a compressure type fitting in the center as an extra outlet for bidet, odor blocking bubbler or for any other bathroom water requirements.

2. (Amended) A bubbler / bidet adapter made out of flexible PVC hose or similar capable of barbed connection, attached to the toilet bowl under the rim with stainless steel or plastic adjustable clamps or to the bottom of the toilet lid, said bubbler / bidet adapter as described in claim one having (small shower head) an extended vertical pivotable hose same as the bubbler adapter providing a bidet function for washing private parts with increased water volume ;

(a) (Amended) said bubbler system in claim 1 and 2 is capable of switching from bubbler mode to bidet mode simply (only) by increasing water pressure, therefore most of the water leaves at the bidet (shower head) elevated adapter hose as slightly soapy water, beneficial for better hygiene, than turns into rinsing, clean water with the ability to turn off the air-pump with that the soap;

(b) said bubbler / bidet adapter with higher water pressure becomes a toilet bidet as uninterrupted water flowing from the needle valve, bidet hose (shower) having a larger water carrying capacity allows 90 % of the water volume to exit at the bidet head since bubbler holes are pin sized, in bubbler mode soapy water volume is low;

(c) the position of the said bidet (shower) hose head is somewhat higher in relation to the rest of the bubbler /bidet adapter, therefore the slow volume soapy water with air pressure can create rich an continuous bubbles on the bottom of the bubbler / bidet adapter;

(d) (Amended) said bubbler / bidet adapter as mentioned in claim one having a timed water source from a diverted bowl filling line from the top of the toilet tank valve via an adjustable volume control for bidet function only;

(e) (Amended) a preferably plastic fluid container at least a 12 oz. / ½ liter capacity with a cover to be located next to the toilet tank or hanging inside the tank or under the tank cover holding liquid soap or bubble bath or similar concentrate mixture;

(f) (Amended) an on / off switch located by either side of the toilet or pressure switch under the toilet seat to activate the air pump as mentioned in claim one;

(g) (Cancelled)

(h) (Amended) a small hand controlled, tilt-able bidet handle as mentioned in claim 1c,
(head) at the rear of the toilet bowl supported by a bracket with the toilet lid screws, spring,
(tension) holding it in a lower, normal position;

3. (Cancelled)